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H	3	AA	2,097,911	11/1937	Becker	1					
		AB	2,172,405	09/1939	Powell						
		AC	2,284,419	05/1942	Greig						
		AD	3,181,911	05/1965	Péras						
		AE	3,336,071	08/1967	Neale et al.						
_		AF	3,964,785	06/1976	Plume						
		AG	4,057,284	11/1977	Blank						
		AH	4,081,051	03/1978	Logsdon .				·		
		Al	4,132,444	01/1979	Beggs						
		AJ	4,198,091	04/1980	Appleton						
		AK	4,220,369	09/1980	Whitley et al.	Π					
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APPLICANT Patrick W. McManus et al.

FILING DATE April 1, 2004 GROUP 3612

U.S. PATENT DOCUMENTS										
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CI	ASS	SUBCLA	ss	FILING IF APPLI	
146	ВА	4,223,939	09/1980	Beggs	نــــــــــــــــــــــــــــــــــــــ					
1	ВВ	4,261,613	04/1981	Alford				\dashv		
_	вс	4,261,614	04/1981	Rice						
	BD	4,392,682	07/1983	Norkus, Jr.						
	BE	4,659,136	04/1987	Martin et al.					_	
	BF	4,756,325	07/1988	Daniels	$\perp \perp \perp$			_		
	BG	4,795,206	01/1989	Adams						·
	вн	4,840,427	06/1989	Hong						
	BI	4,909,558	03/1990	Roshinsky					, <u> </u>	
	ВЈ	4,944,550	07/1990	Drown et al.						
	вк	4,950,123	08/1990	Brockhaus						
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EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
INITIAL		4,993,088	02/1991	Chudik	- 	1	
<u>40-</u>	CA	5,016,858	05/1991	Mitchell	++-		
_}	СВ	5,064,335	11/1991	Bergeron et al.			
+	СС	5,076,640	12/1991	Bulte		+	
+	CD	5,083,830	01/1992	Mucher et al.	++-		
-}	CE	5,098,146	03/1992	Albrecht et al.			
	CF	5,154,469	10/1992	Могтом		1 1	
	CG	5,273,336	12/1993	Schubring et al.			
	СН	5,366,266	11/1994	Harbison		1 1.	
 -	CI	5,454,684	10/1995	Berens	++-	+ 1	
	C1	5,456,511	10/1995	Webber	++-	 	
<u>v</u>	СК	3,430,311		EIGN PATENT DOCUMENTS			
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE ·	NAME	CLAS	ss	SUBCLASS	FILING DA	
Ho	DA	5,464,264	11/1995	Wilson			1		
1	DB	5,489,134	02/1996	Furuki et al.					
	DC	5,513,941	05/1996	Kulas et al.			·		
	DD	5,516,182	05/1996	Aragon et al.				· · · · · · · · · · · · · · · · · · ·	
	DE	5,524,953	06/1996	Shaer					
	DF	5,531,497	07/1996	Cheng					
	DG	5,554,998	09/1996	Sherwood et al.					
	DH	5,564,767	10/1996	Strepek .					
	DI	5,628,543	05/1997	Filipovich et al.					
	DJ	5,649,731	07/1997	Tognetti					
1	DK	5,669,654	09/1997	Eilers et al.					
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			U.	S. PATENT DOCUMENTS			
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113	EA	5,692,792	12/1997	Klar (minor)		-1	
17	EB	5,700,047	12/1997	Leitner et al.			
	EC	5,735,565	04/1998	Papai et al.			
	ED	5,816,637	10/1998	Adams et al.			
	EE	5,820,190	10/1998	Benner			
	EF	· 5,845,957	12/1998	Hurst			
	EG	5,924,753	07/1999	DiBassie			
	EH	5,938,262	08/1999	Mills			
	EI	5,944,371	08/1999	Steiner et al.			
	EJ	5,951,233	09/1999	Boucher et al.			
	EK	5,967,584	10/1999	McCarthy et al.	1		
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HC-	FA	6,007,137	12/1999	Lambden	نــــــــــــــــــــــــــــــــــــــ					
(1)	FB	6,012,776	01/2000	Schneider et al.						
	FC	6,017,082	01/2000	Leoni						
	FD	6,030,018	02/2000	Clare et al.						
	FE	6,033,002	03/2000	Clare et al.				<u>'</u>		
	FF	6,059,339	05/2000	Madson						
	FG	6,065,792	05/2000	Sciullo et al.						
	FH	6,065,798	05/2000	Sankrithi						
	FI	6,092,335	07/2000	Queveau et al.						
	FJ	6,126,220	10/2000	Brasher						
1	FK	6,161,892	12/2000	Chabanne et al.				<u> </u>		
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Au	GA	6,199,945	03/2001	Kim	Ţ.	1	
1	GB	6,213,531	04/2001	Corey et al.			
	GC	6,237,981	05/2001	Selleck			
	GD	6,244,651	06/2001	Hecock, Jr.			
	GE	6,254,171	07/2001	Young, Sr.			
	GF	6,332,627	12/2001	Damron			
	GG	6,332,637	12/2001	Chambers			
	GH	6,334,562	01/2002	Ament et al.			
	GI	6,340,189	01/2002	Pordy			
	Gì	6,340,198	01/2002	Benites et al.			
V	GK	6,340,208	01/2002	Habedank			
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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS		DATE ICABLE
Ho	НА	2002/0105201	08/2002	Melotik et al.				
	нв	6,431,634	08/2002	Ananian				
	нс	6,450,566	09/2002	Hong				
	HD	6,464,274	10/2002	Mink et al.				
	HE	6,471,282	10/2002	Hanning				
	HF	6,481,772	11/2002	Tenn				
	НG	6,488,333	12/2002	Kim				
	нн	6,491,331	12/2002	Fox				
	ні	6,494,531	12/2002	Kim				
	нл	6,503,036	01/2003	Bequette et al.				
	нк	6,517,137	02/2003	Kiester et al.				
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16	IA	2003/0047974	03/2003	Tame		1				
	1B	2003/0057725	03/2003	Hernandez et al.						
	IC	6,601,899	08/2003	Kiester et al.						
	ID	6,609,744	08/2003	Gehring et al.						
	ΙE	6,644,719	11/2003	Young, Sr.						
4	1F	6,742,822	06/2004	Vejnar						
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